

HORIZON *2020*

LE PROGRAMME DE RECHERCHE ET
D'INNOVATION DE L'UNION EUROPÉENNE



Quelques chiffres clés

52.000 propositions dont 10.000 à participation FR
5.800 projets retenus dont 1500 à participation FR
105 Md€ demandés pour 11,6 Md€ distribués
Soit un taux de succès (€) de 11,1%

8,6 Md€ demandés par les équipes FR (8,2%)
1,287 Md€ gagnés par les équipes FR (11,1%)
Soit un taux de succès (€) de 14,9%

Estimation sur budget 2014:
~865 M€ !

49.000 participants
~3.400 participants FR (après consolidation)
Près de 950 bénéficiaires FR (après consolidation)

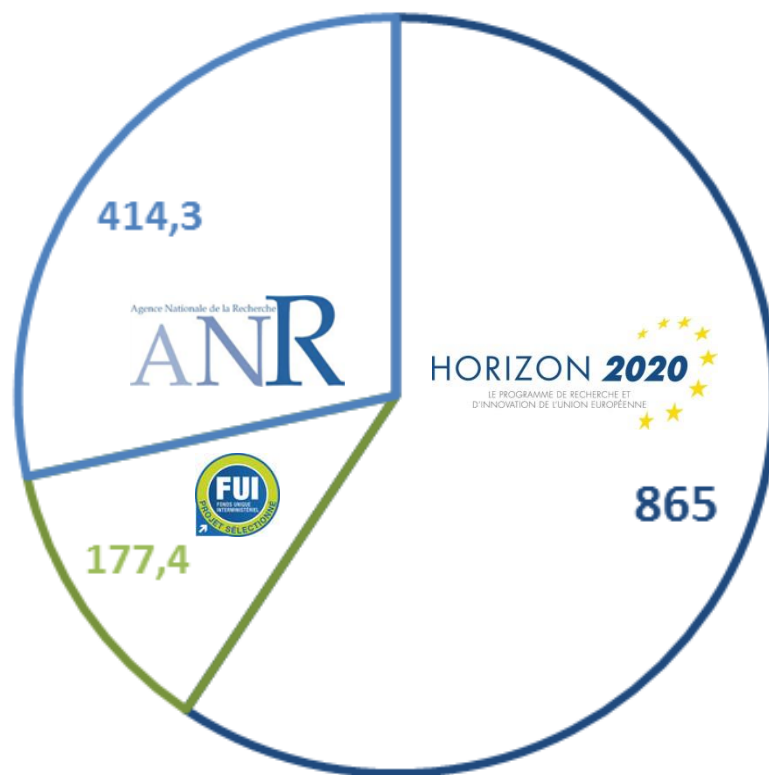
Plusieurs *success stories* pour des PME FR:

- Energie: CIMV (16 M€), Fondroche (8,3 M€)
 - Instrument PME phase 2:

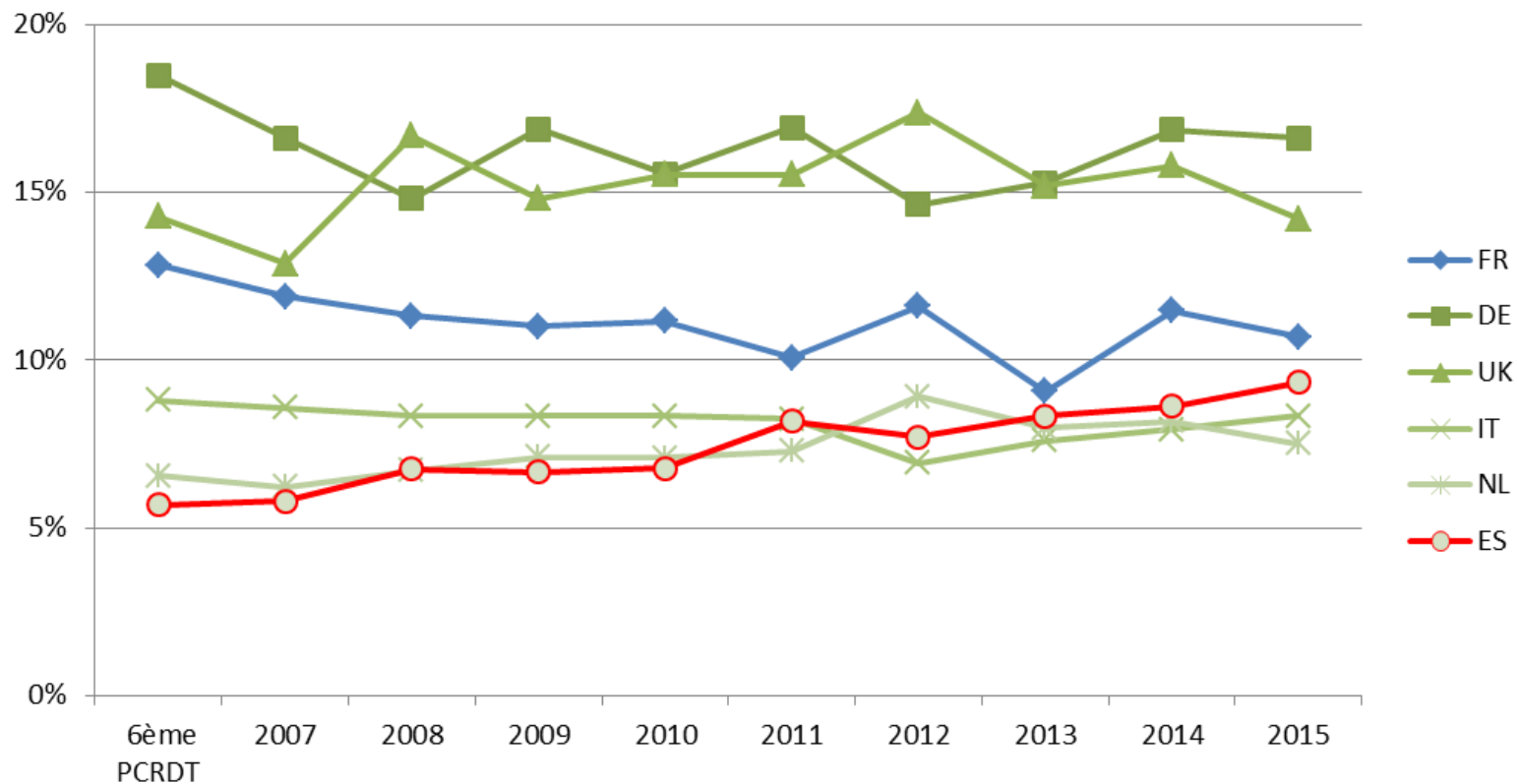
SC1: TcLand expression et Amoneta diagnostics (5 M€)
12 autres PME hors consulting (sub.: entre 1 et 3,5M€)
Près de 140 PME bénéficiaires (hors consulting)

Horizon 2020: un programme pérenne devenu majeur au niveau national

Financements
non
récurrents des
équipes
nationales de
RDI en 2014



■ H2020
■ FUI
■ ANR



Positionnement de la France

	Etat	% Horizon 2020	Contr. budget UE (2014)	Taux de retour	% GERD UE28 (2013)	% ETP pers. R&D UE28 (2013)	% ETP cherch. UE28 (2013)	% demandes brevet OEB UE28 (2012)
1	DE	16,7%	21,3%	79%	29,5%	22,2%	20,9%	40,1%
2	UK	15,3%	11,0%	140%	12,1%	13,3%	15,0%	9,4%
3	FR	11,1%	16,3%	68%	17,4%	15,5%	15,4%	15,7%
4	ES	8,9%	8,1%	110%	4,8%	7,5%	7,1%	2,8%
5	IT	8,1%	12,2%	66%	7,4%	9,3%	6,8%	7,5%
6	NL	8,1%	5,6%	145%	4,7%	4,5%	4,2%	6,0%
7	BE	4,2%	4,0%	107%	3,3%	2,4%	2,6%	2,6%
8	SE	3,4%	3,4%	102%	5,3%	3,0%	3,6%	4,9%
9	AT	2,8%	2,3%	120%	3,3%	2,4%	2,3%	3,2%
10	DK	2,7%	1,3%	202%	2,8%	2,2%	2,4%	2,6%

Sources: eCorda (après retraitement MENESR) et Eurostat

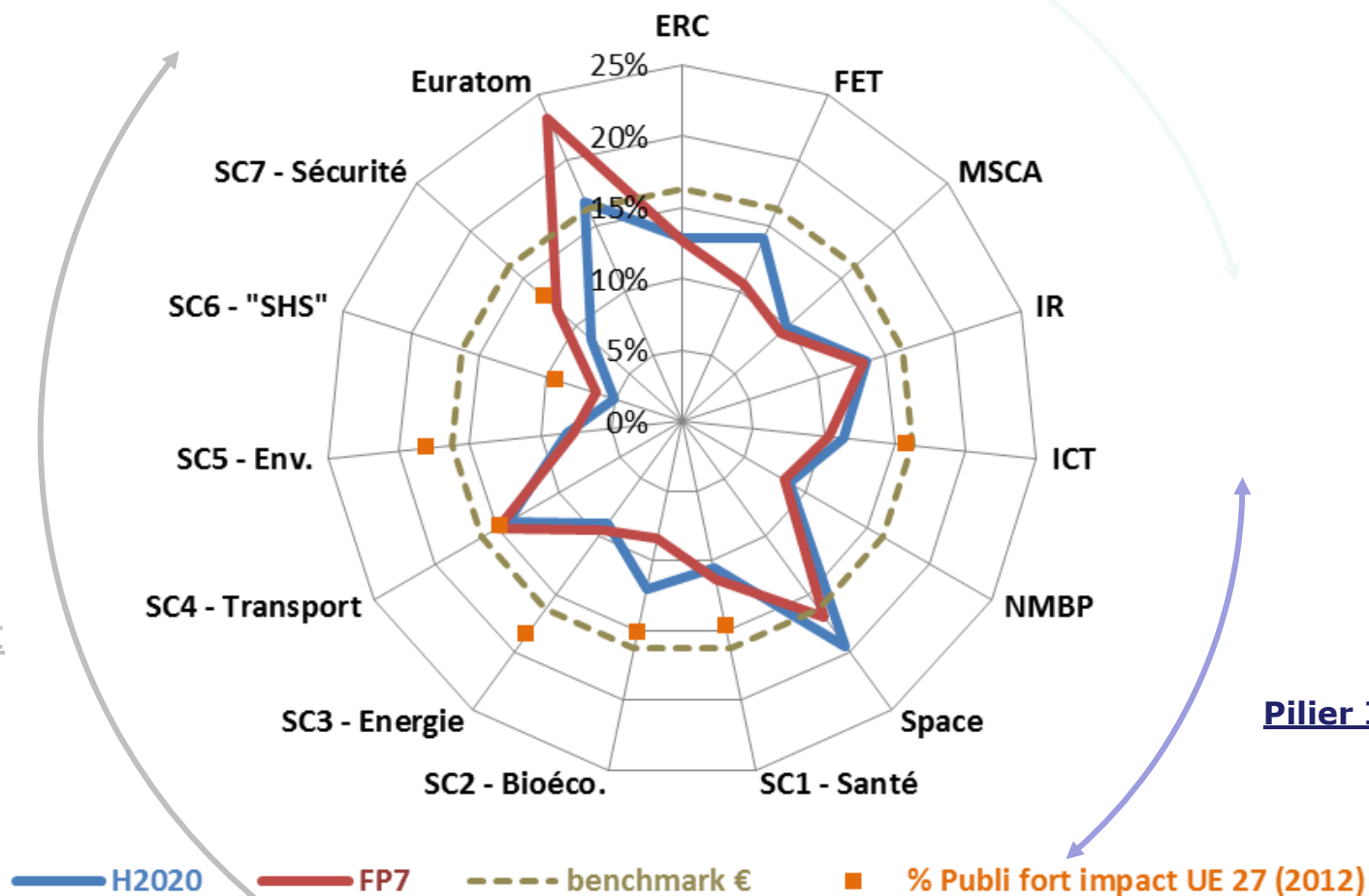
Performances FR par programme



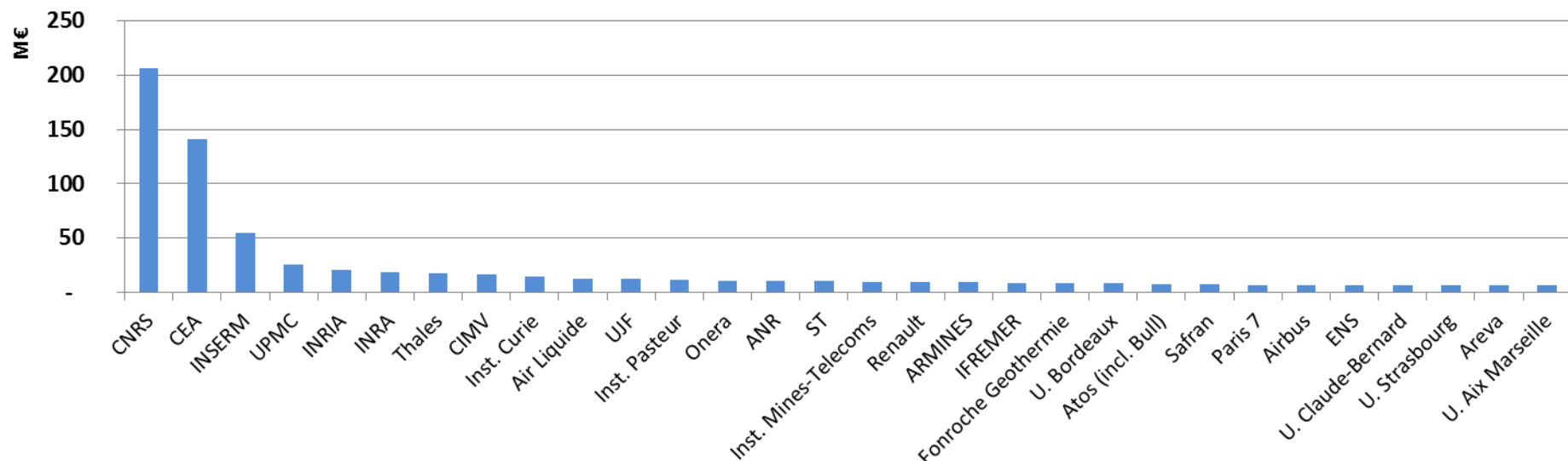
Pilier I

Pilier III

Pilier II



Principaux bénéficiaires FR (Top 30)



Une concentration toujours plus marquée:

- Top 1: 16%
- Top 2: 27%
- Top 10: 41%
- Top 50: 62%



European
Commission

H2020 Marie Skłodowska-Curie Actions

***COFUND
ITN
IF
RISE***

***Programme Committee Meeting
18 September 2015***

Research
Executive
Agency

MSCA in H2020



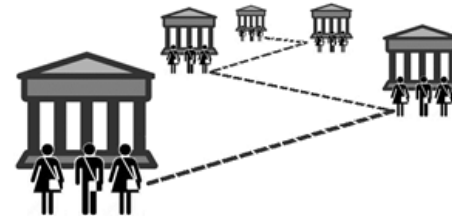
IF

Individual Fellowships



ITN

Innovative Training Networks



RISE

Research and Innovation
Staff Exchange

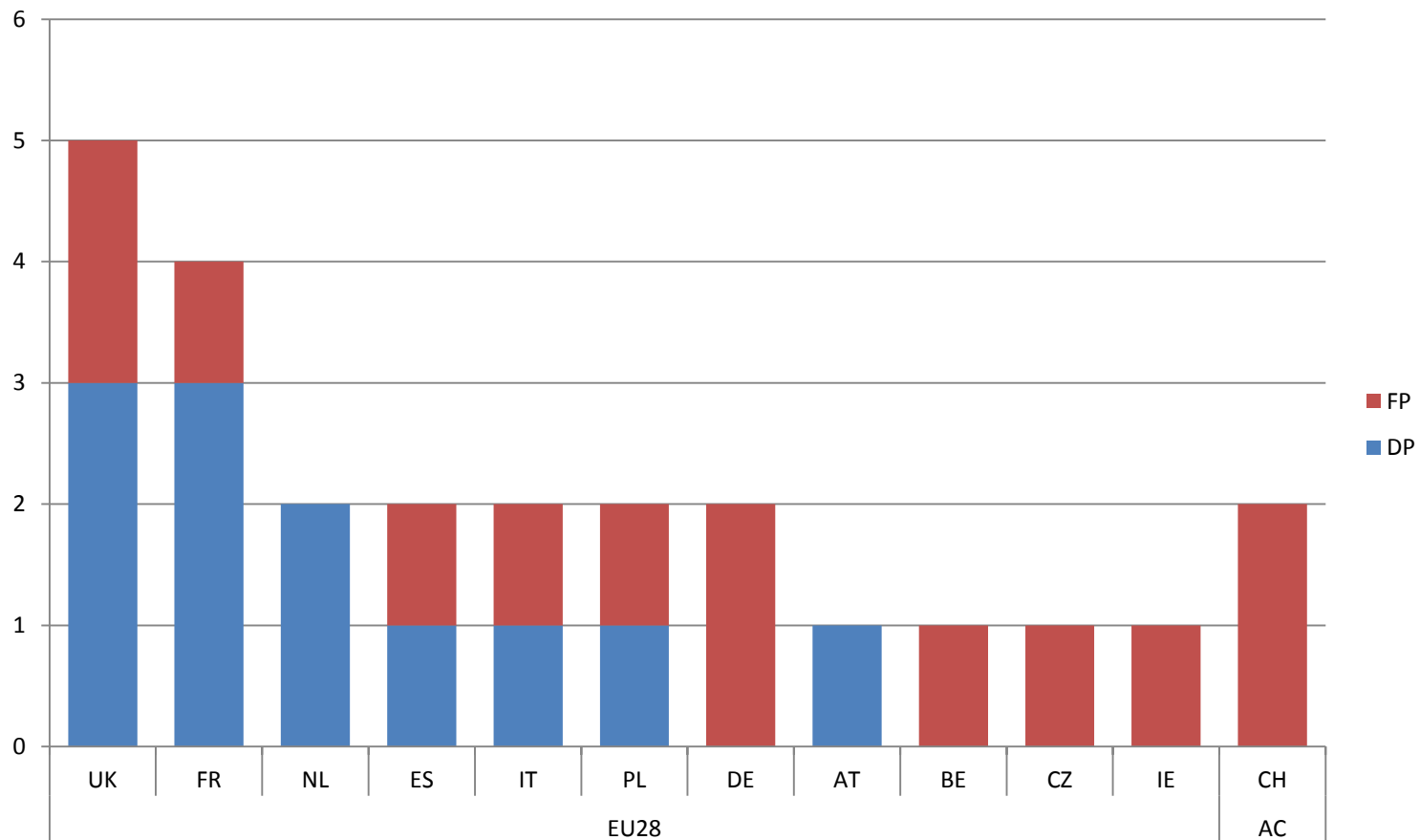


COFUND

COFUND 2014 finalised: 25 GAs signed

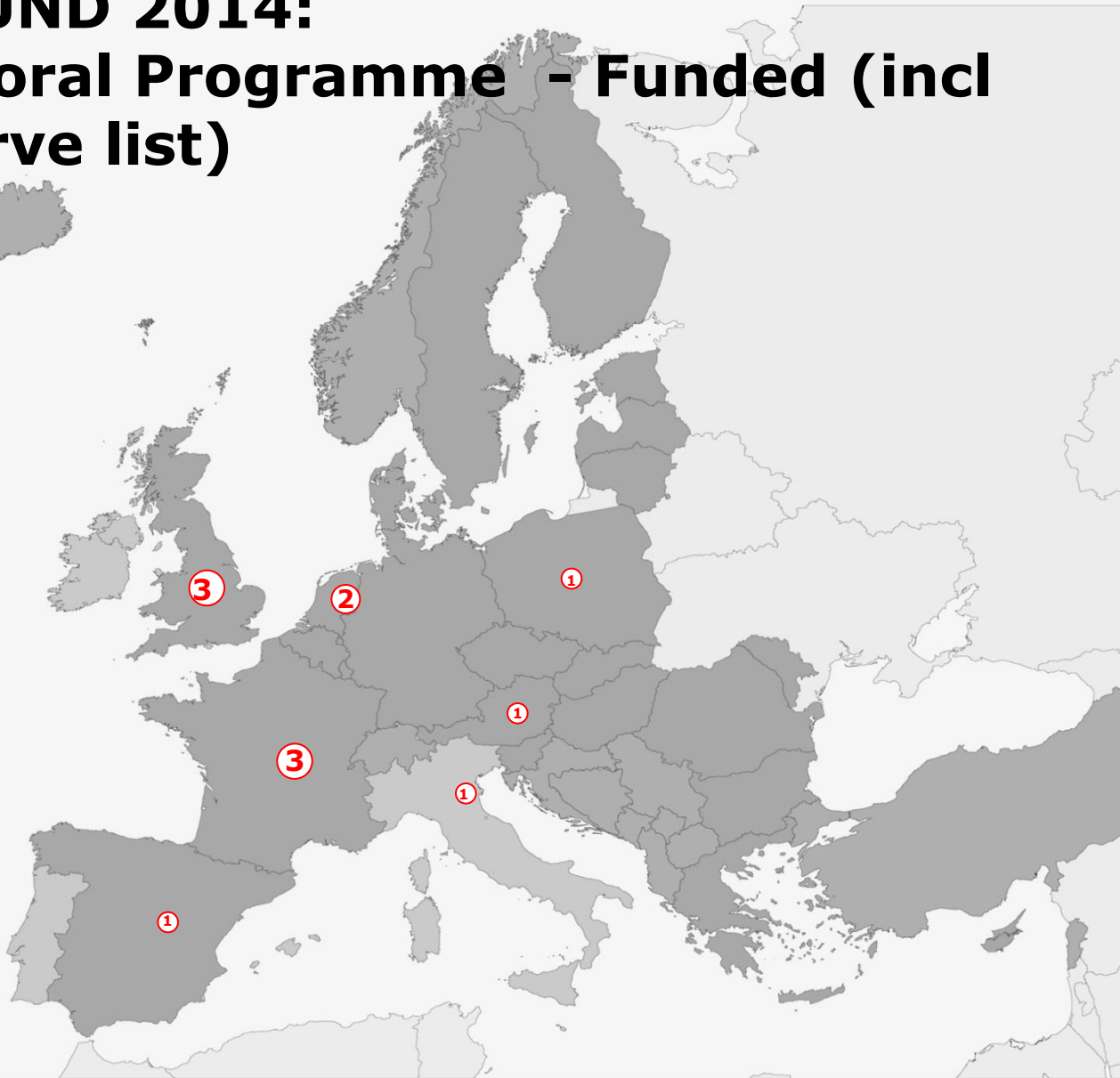
	A List	B List	Eligible Proposals	Success Rate
Doctoral Programme	11	1	43	27.9 %
Fellowship Programme	12	1	47	27.7 %
Total	23	2	90	27.8 %

COFUND 2014 – signed GAs





COFUND 2014: Doctoral Programme - Funded (incl reserve list)



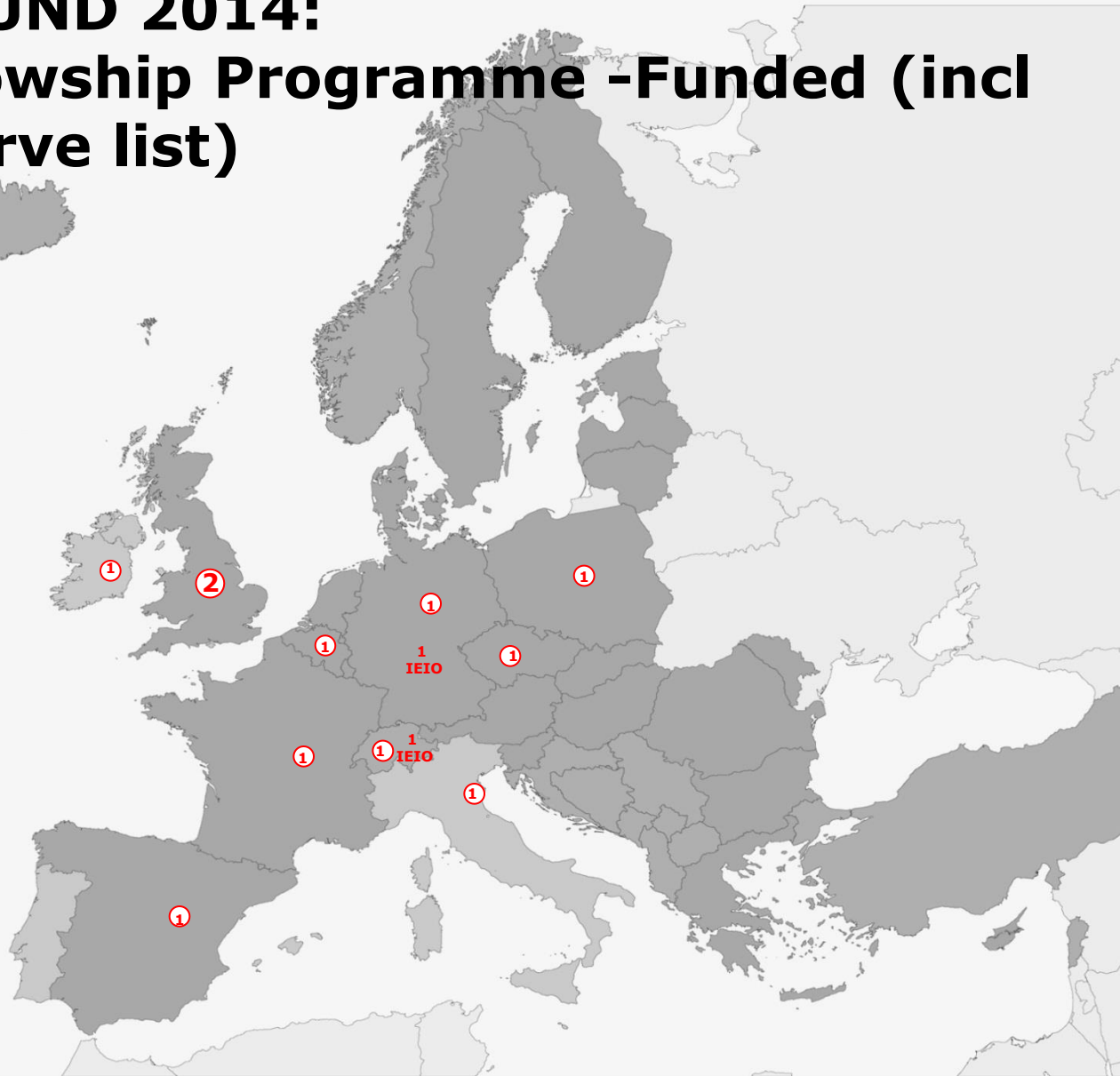
AT	1
PL	1
IT	1
NL	2
UK	3
ES	1
FR	3
Total	12

COFUND 2014: Doctoral Programme

Approximately 300 fellowships



COFUND 2014: Fellowship Programme -Funded (incl reserve list)



CZ	1
BE	1
CH	1
PL	1
IE	1
DE	1
UK	2
FR	1
IT	1
ES	1

IEIO 2

Total 13



COFUND 2014: Fellowship Programme

Approximately 700 fellowships

COFUND 2015 - Modes & Budget

FP

**Fellowship
Programme**

*Fellowship (postdoctoral)
training programmes*

50 M€

DP

**Doctoral
Programme**

*Doctoral training
programmes*

30 M€

Call Deadline:

Evaluation week:

Launch Grant preparation:

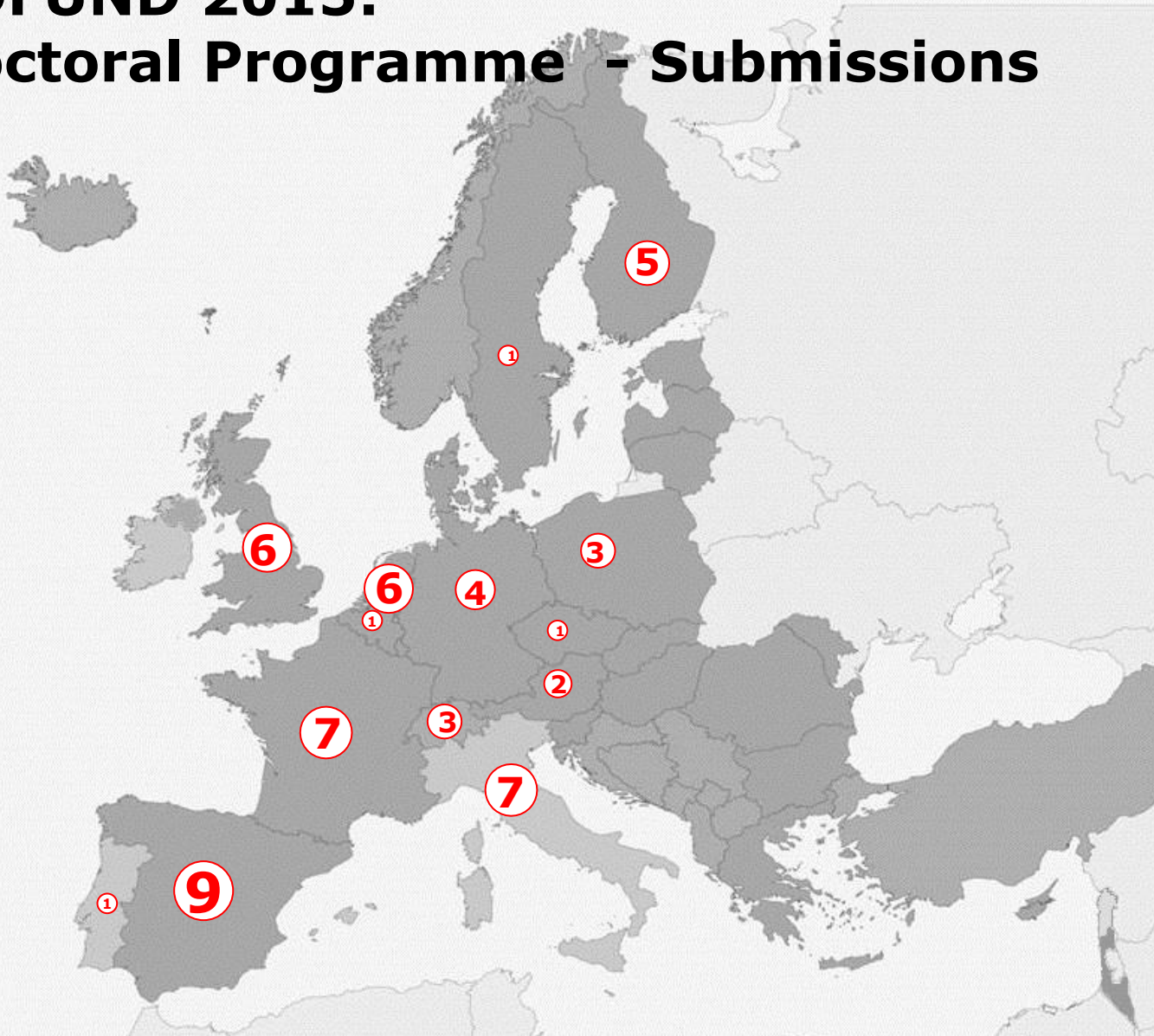
1 October 2015

23-27 November 2015

February 2015



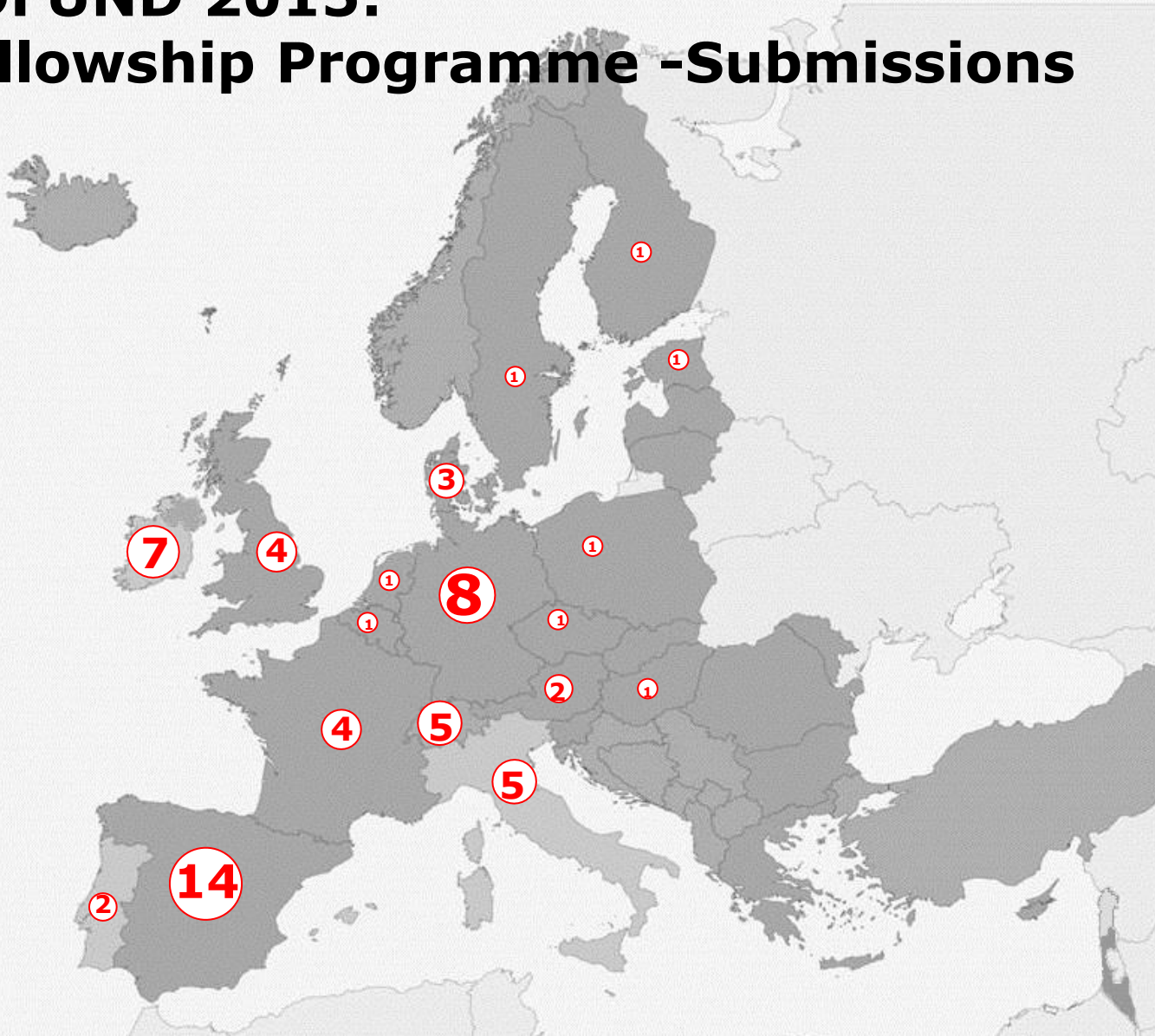
COFUND 2015: Doctoral Programme - Submissions



BE	1
CZ	1
PT	1
SE	1
AT	2
CH	3
PL	3
DE	4
FI	5
NL	6
UK	6
FR	7
IT	7
ES	9
Total	56



COFUND 2015: Fellowship Programme -Submissions



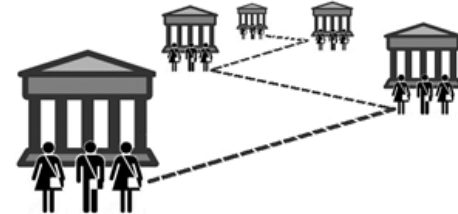
BE	1
CZ	1
EE	1
FI	1
HR	1
NL	1
PL	1
SE	1
AT	2
PT	2
DK	3
FR	4
UK	4
CH	5
IT	5
IE	7
DE	8
ES	14
Total	62

H2020 MSCA



IF

Individual Fellowships



RISE

Research and Innovation
Staff Exchange



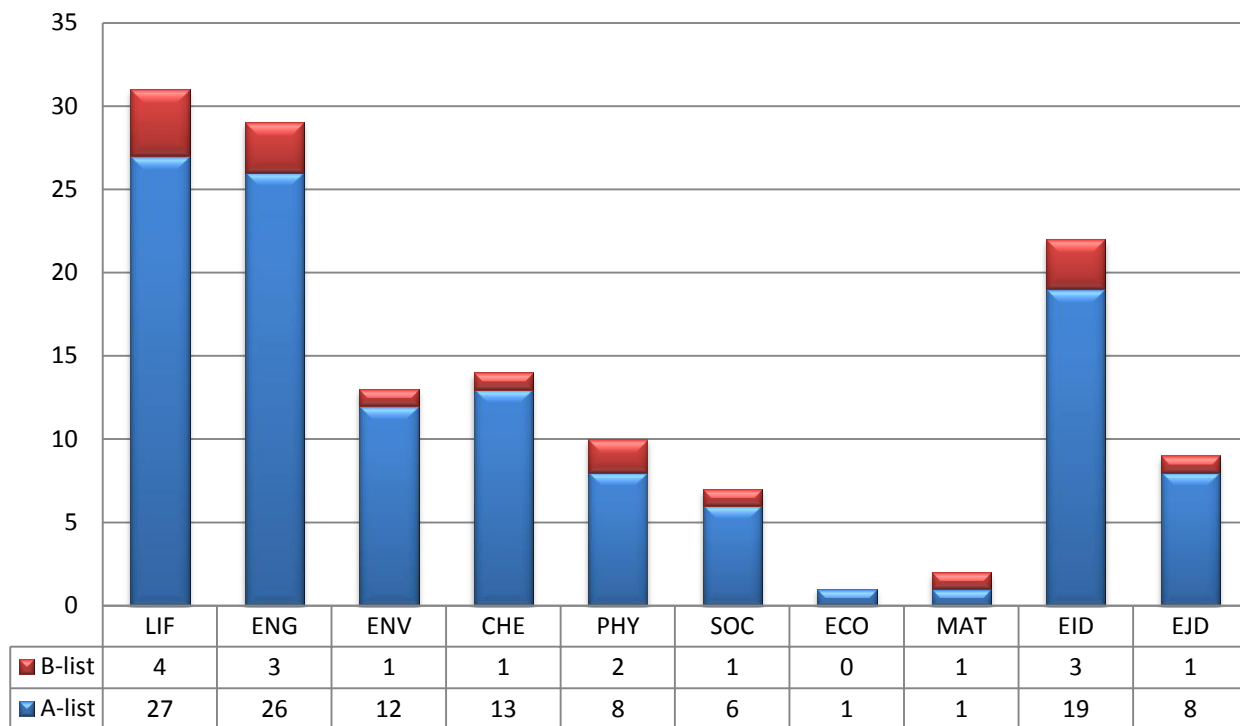
ITN

Innovative Training Networks



COFUND

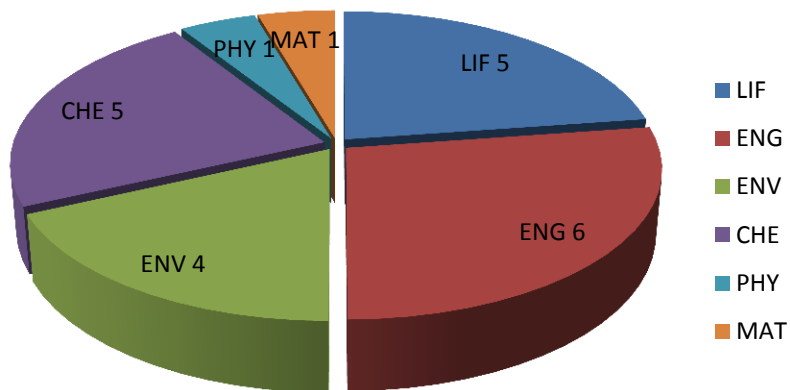
ITN 2014 final



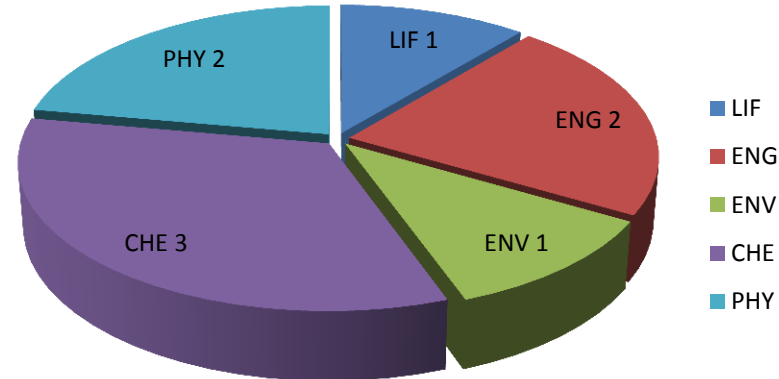
	LIF	ENG	ENV	CHE	PHY	SOC	ECO	MAT	EID	EJD	Total
Signed	31	29	13	14	10	7	1	2	22	9	138
Success rate	10,5%	10,7%	10,3%	11,1%	11,0%	10,8%	9,1%	12,5%	21,8%	17,3%	

ITN 2014 – signed GAs

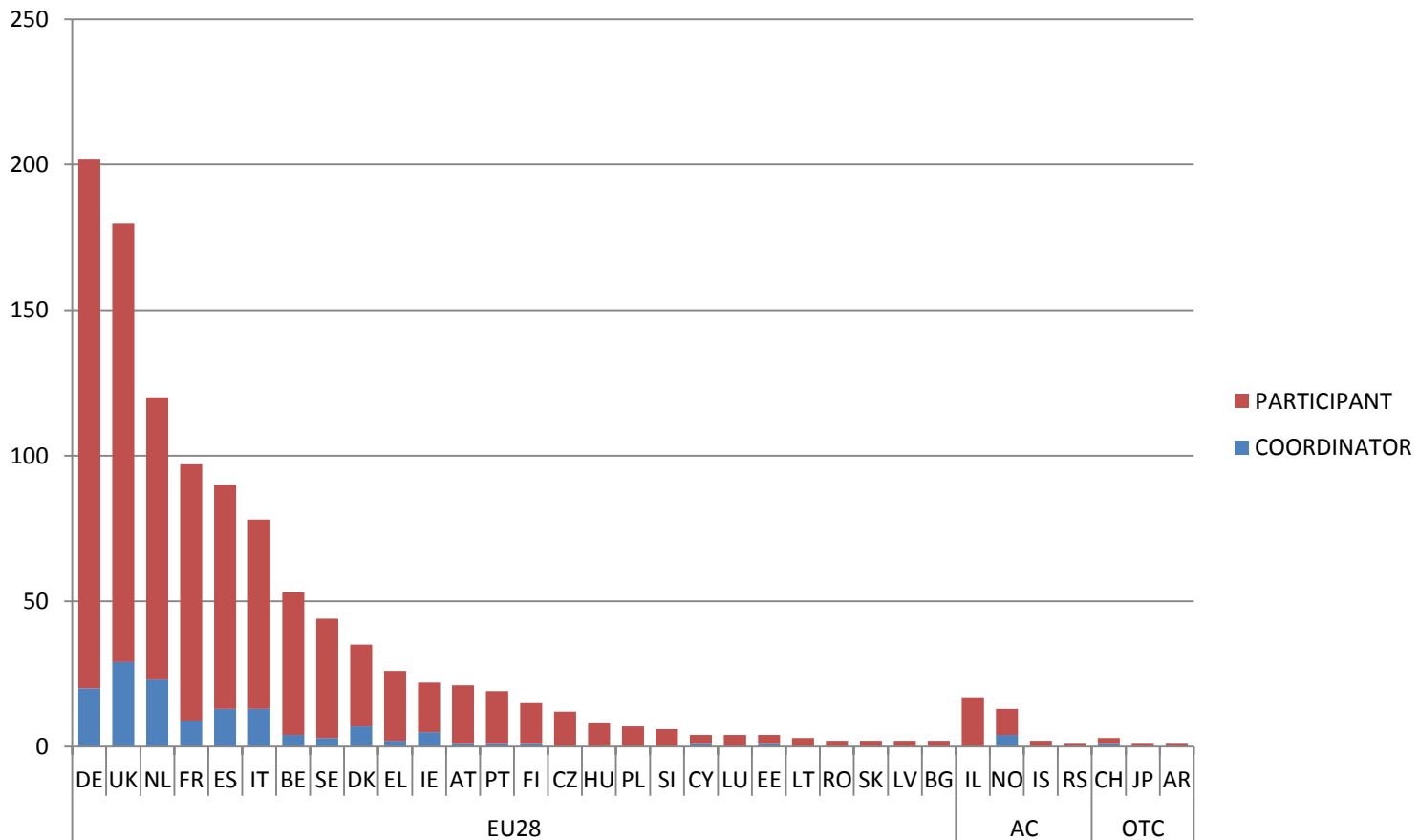
EID (22)



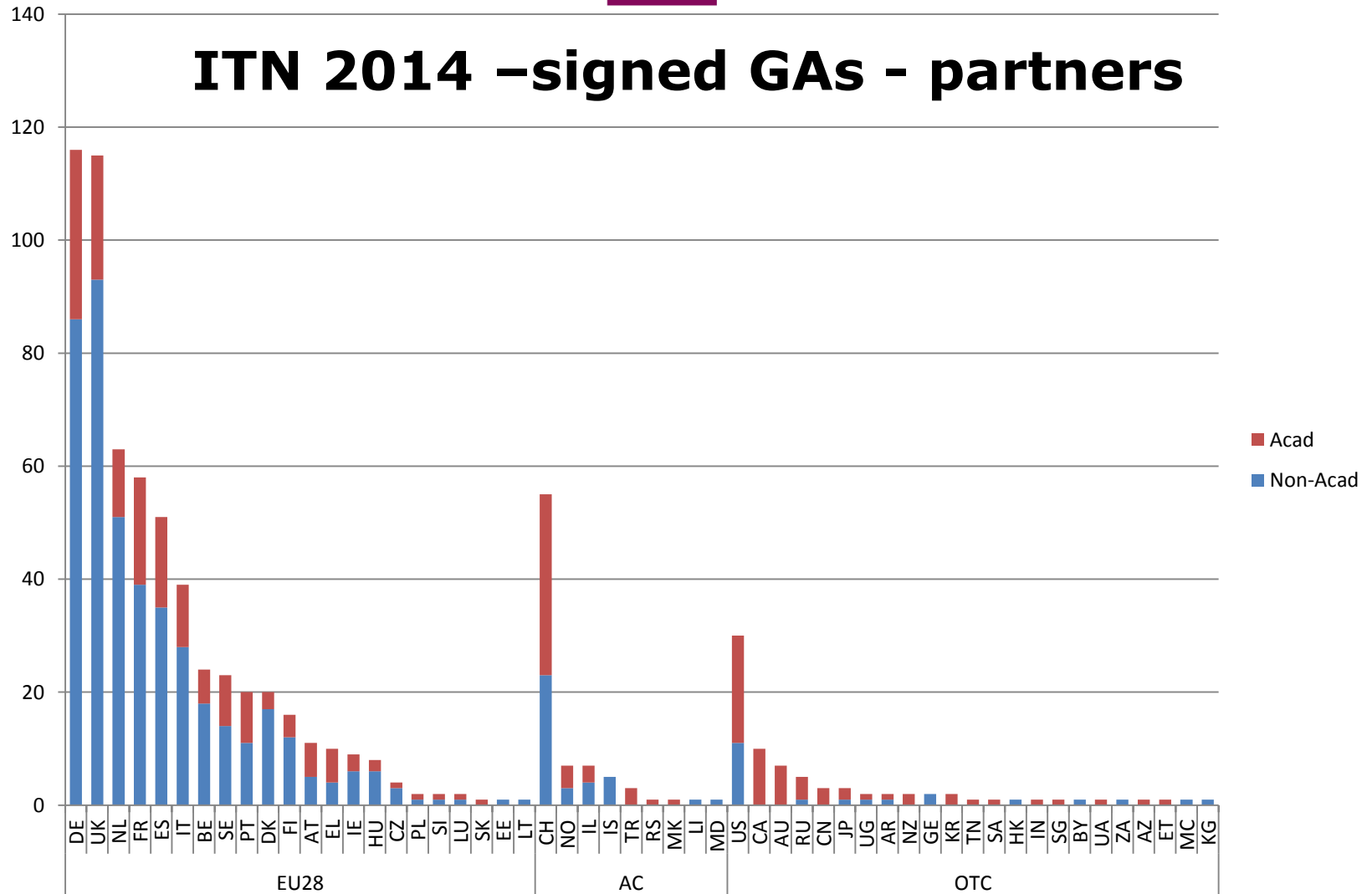
EJD (9)



ITN 2014 – signed GAs - beneficiaries



ITN 2014 –signed GAs - partners



ITN 2015: Modes & Budget

ETN

European
Training
Networks

*Participants implement a joint
research training programme*

317 M€

EID

European
Industrial
Doctorates

*Doctoral training with the
non-academic sector*

25 M€

EJD

European
Joint
Doctorates

*Universities cooperate to
deliver joint degrees*

28 M€

Call Closure:

13 Jan 2015

Evaluation week:

16 – 20 March 2015

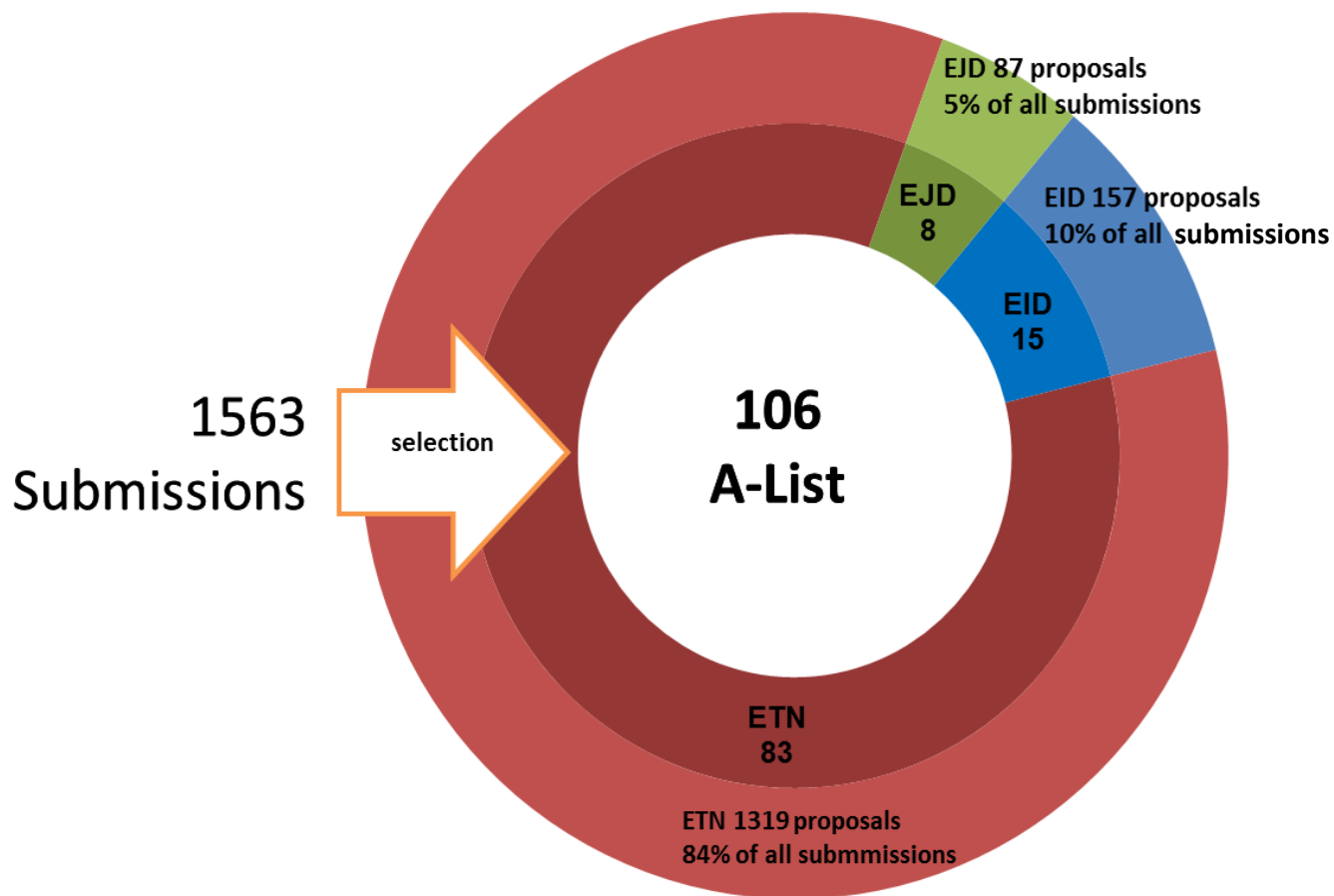
Launch Grant preparation:

May 2015

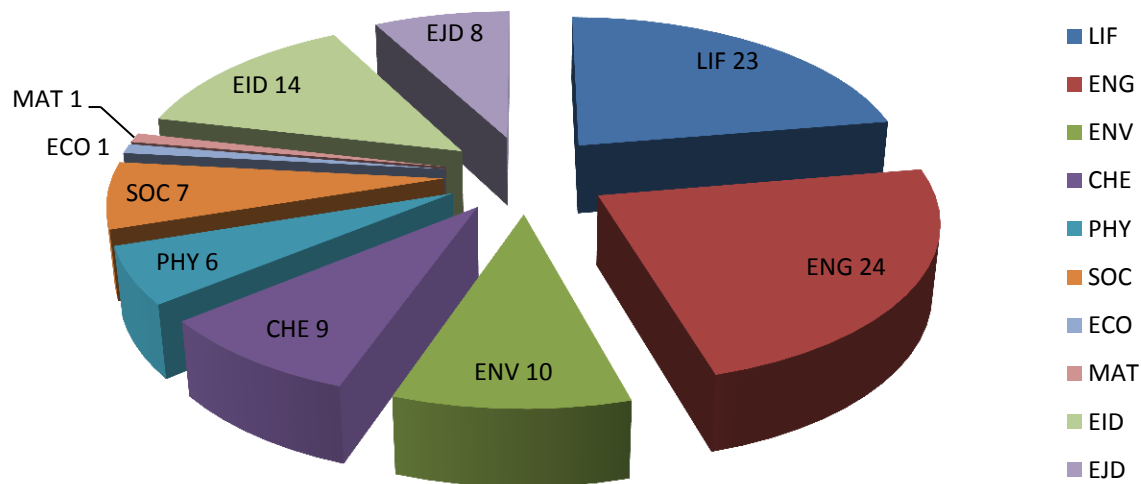
Starting dates:

Sept 2015 – Jan 2016

ITN 2015: Submitted & A-list proposals



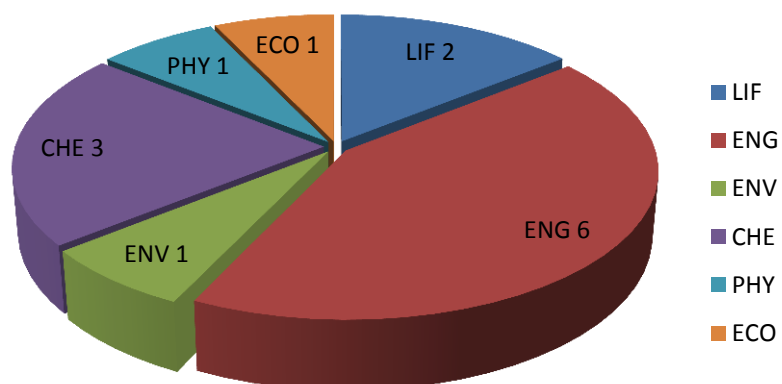
ITN 2015: Signed A-list



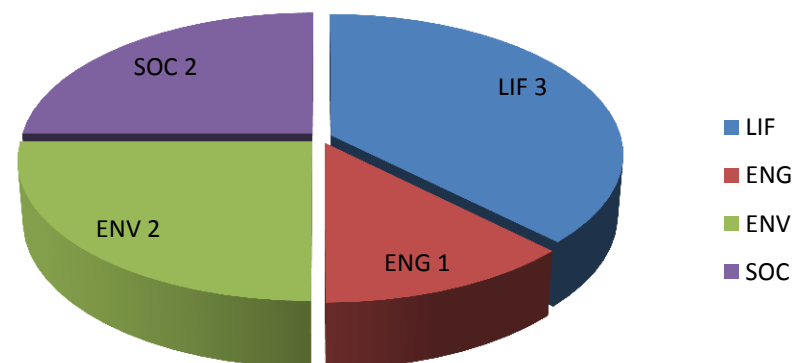
LIF	ENG	ENV	CHE	PHY	SOC	ECO	MAT	EID	EJD
6,04%	6,43%	5,71%	6,34%	5,94%	6,14%	6,67%	5,56%	8,92%	9,20%

ITN 2015 signed GAs

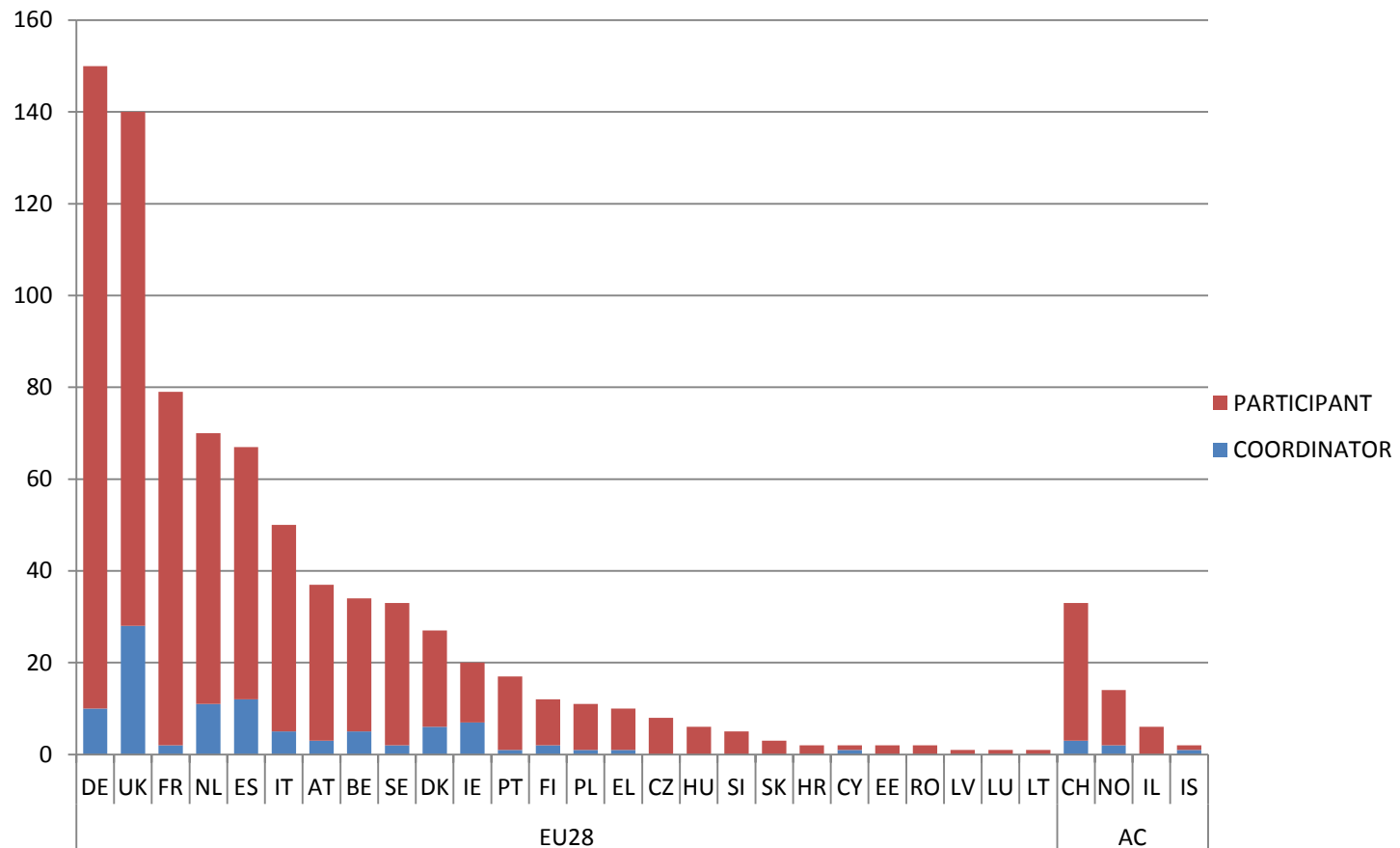
EID (14)



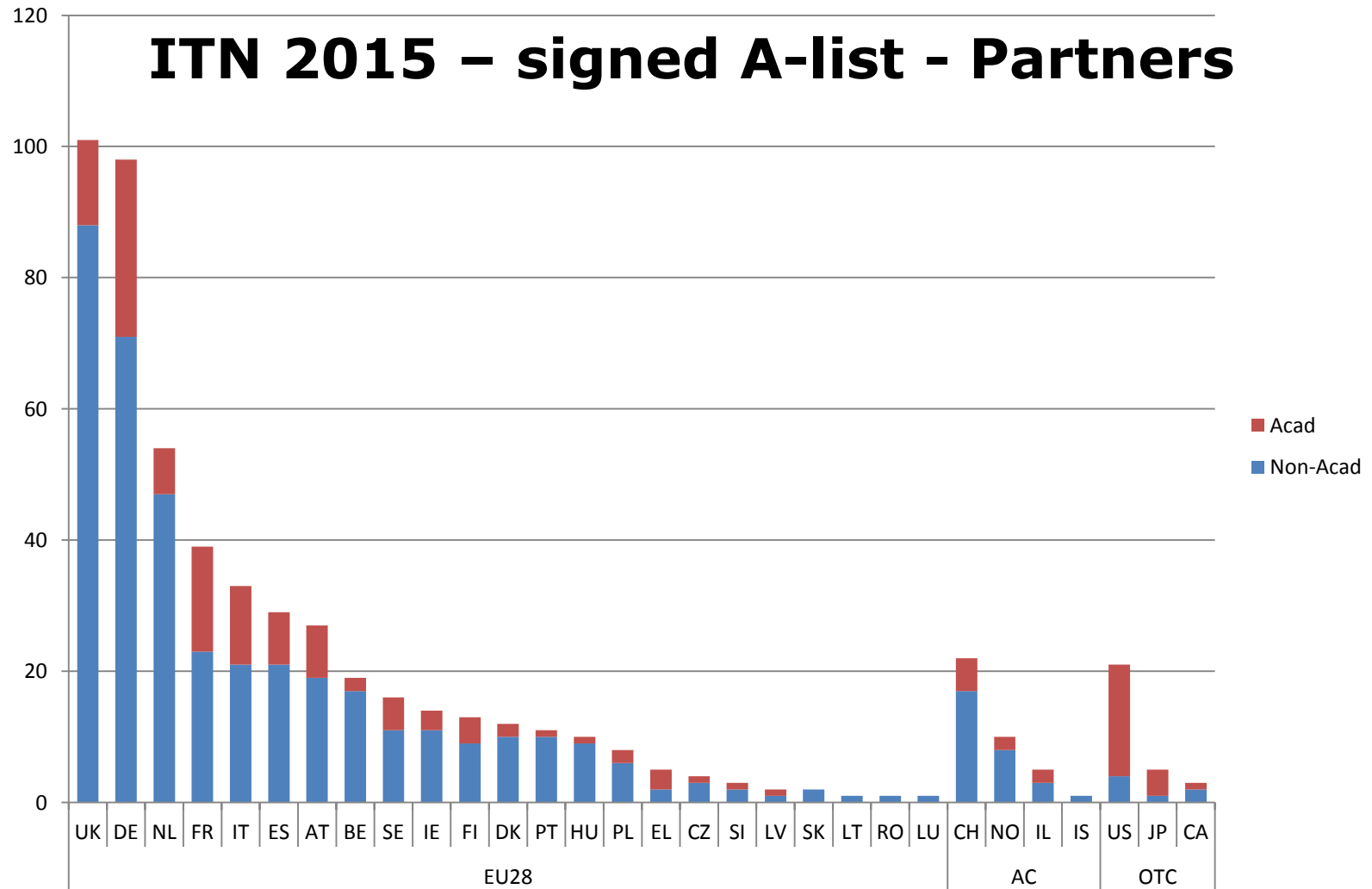
EJD (8)



ITN 2015 signed A-list - beneficiaries



ITN 2015 – signed A-list - Partners



ITN 2015: Grant Preparation Process (GAP)

Reserve list – start mid-September



Estimated 24 reserve GAPs to be processed:

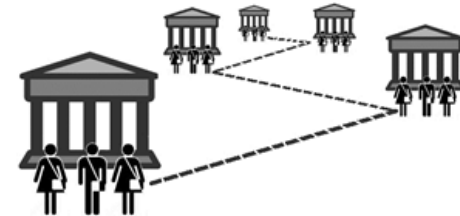
- 15 ETN (incl. 2 replacements main list)
- 7 EID (incl. 1 replacement main list)
- 2 EJD

MSCA in H2020



IF

Individual Fellowships



RISE

Research and Innovation
Staff Exchange



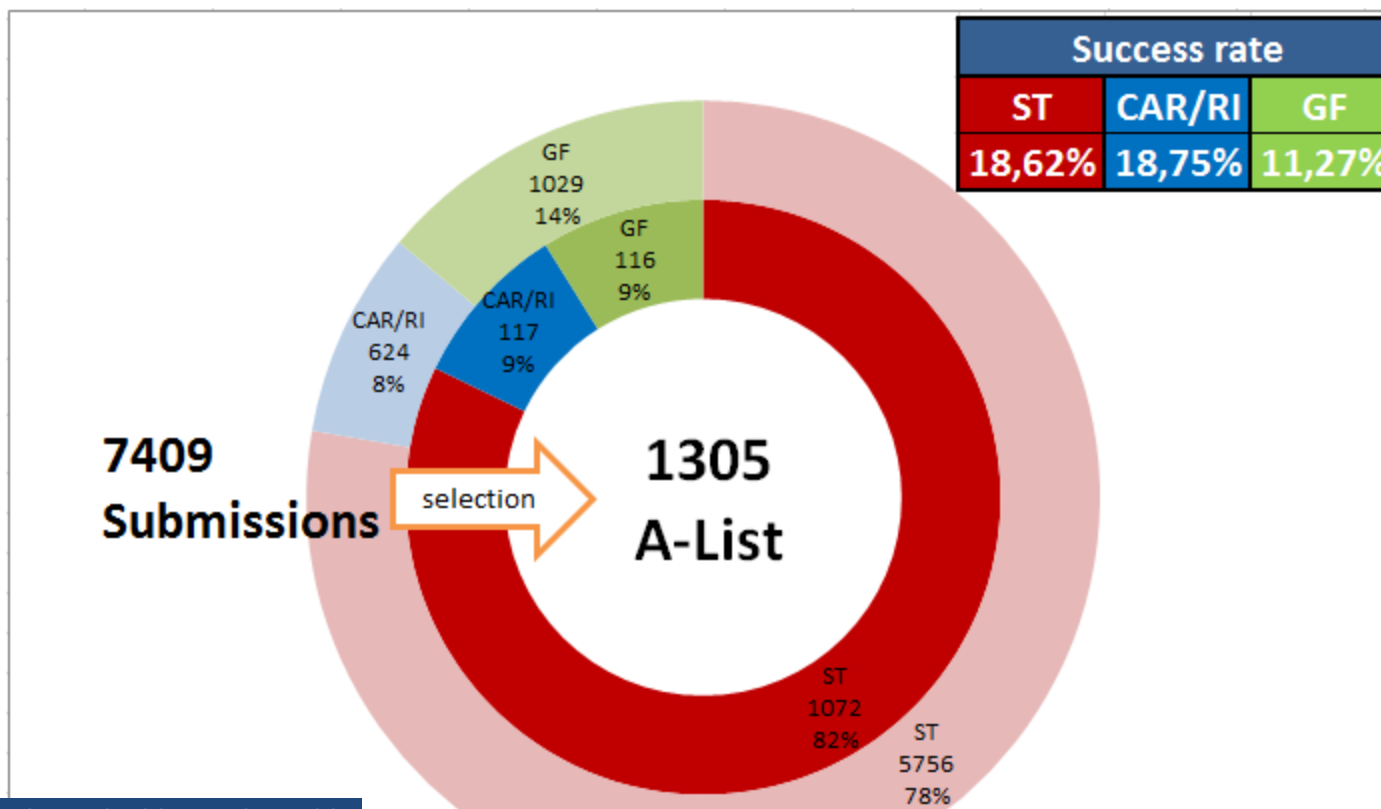
ITN

Innovative Training Networks



COFUND

IF 2014: Submitted (eligible) & A-list proposals



	Withdrawals	Ineligible	Inadmissible
ST	7	16	5
CAR	2	5	2
RI	0	7	0
EF	9	28	7
GF	1	9	8
Total	10	37	15

Call Deadline: **11 Sept. 2014**
 Evaluation: **Oct. – Nov. 2014**
 Launch Grant preparation: **4 Feb. 2015**
 Starting dates: **1 Mar 2015 – 1 Sept 2016**
 Budget: **240**

IF 2015 Modes & Budget

EF
ST

**European
Fellowships
Standard**

*held in EU Member States or
Associated Countries*

~168 M€

EF
CAR/RI

**European
Fellowships
CAR/RI**

*Return and reintegration
of researchers in Europe
or after a career break*

~20 M€

GF

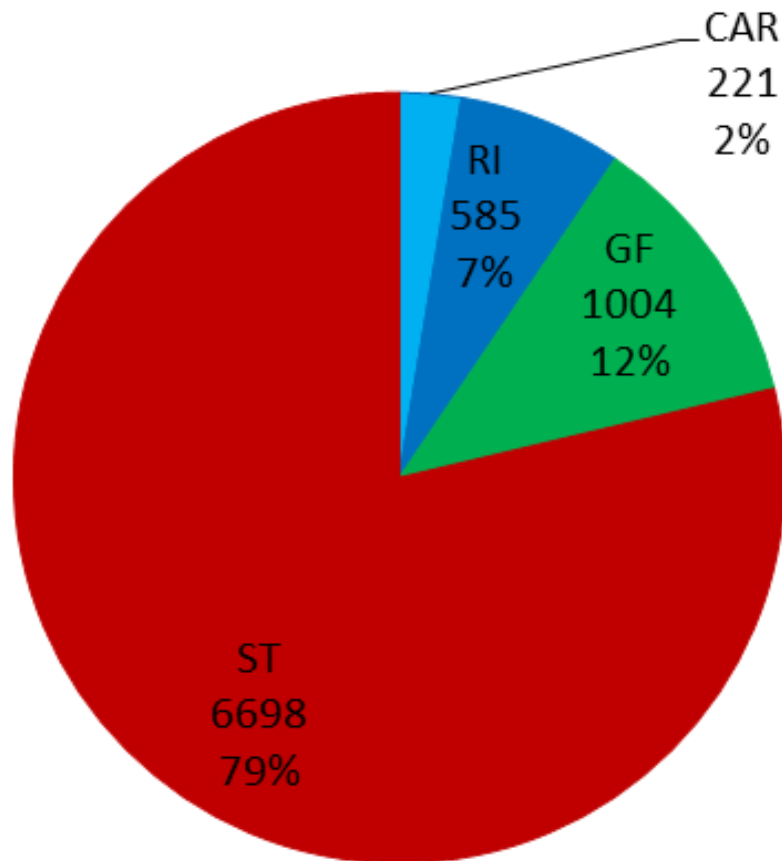
**Global
Fellowships**

*based on a secondment
to a third country*

27 M€

- **Call Deadline:** **10 Sept. 2015**
- **Evaluation:** **Oct. – Nov. 2015**
- **Launch Grant preparation:** **Feb. 2016**
- **Starting dates:** **1 Mar 2016 – 1 Sept 2017**

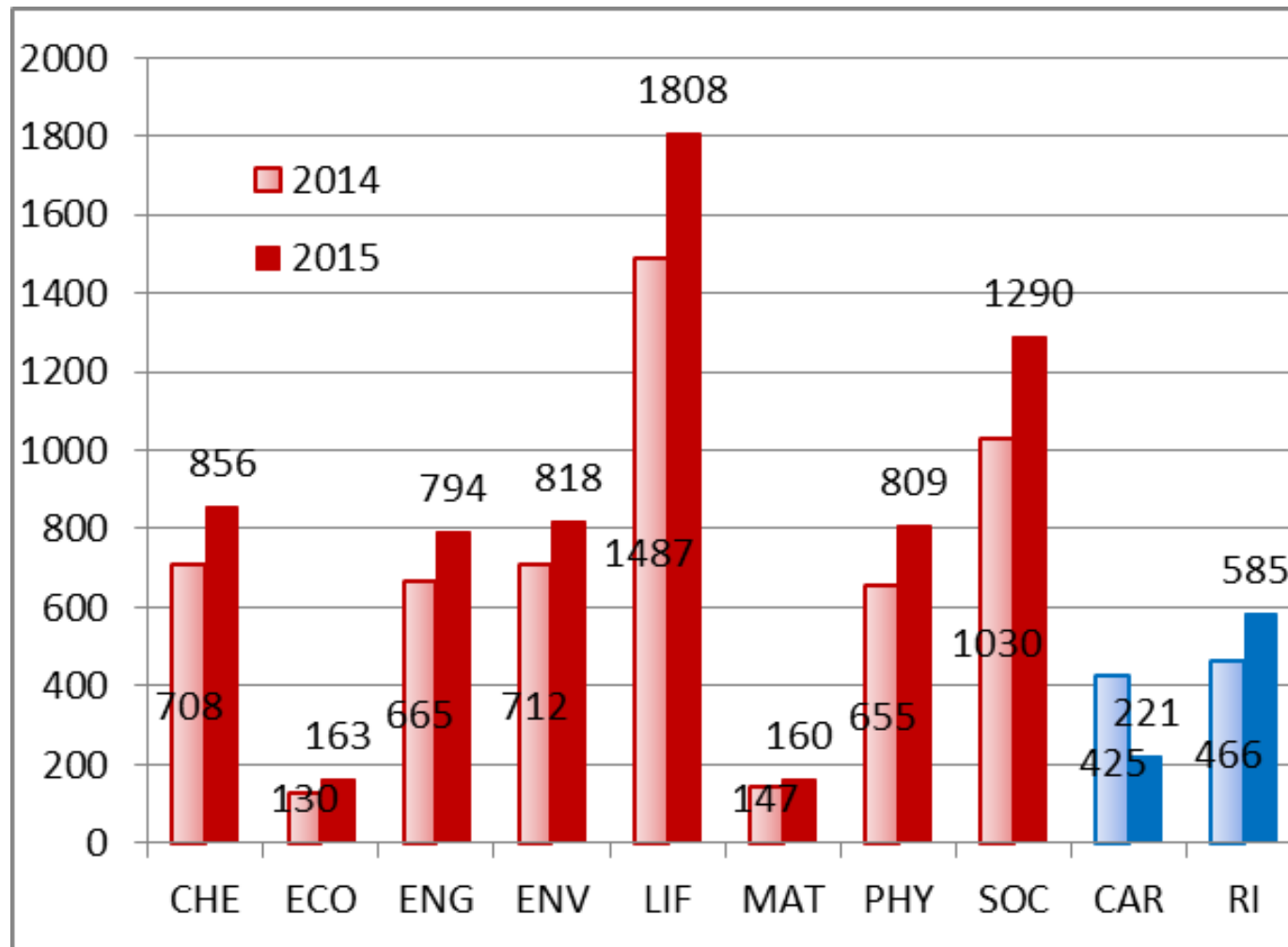
IF-2015: 8508 Submitted proposals



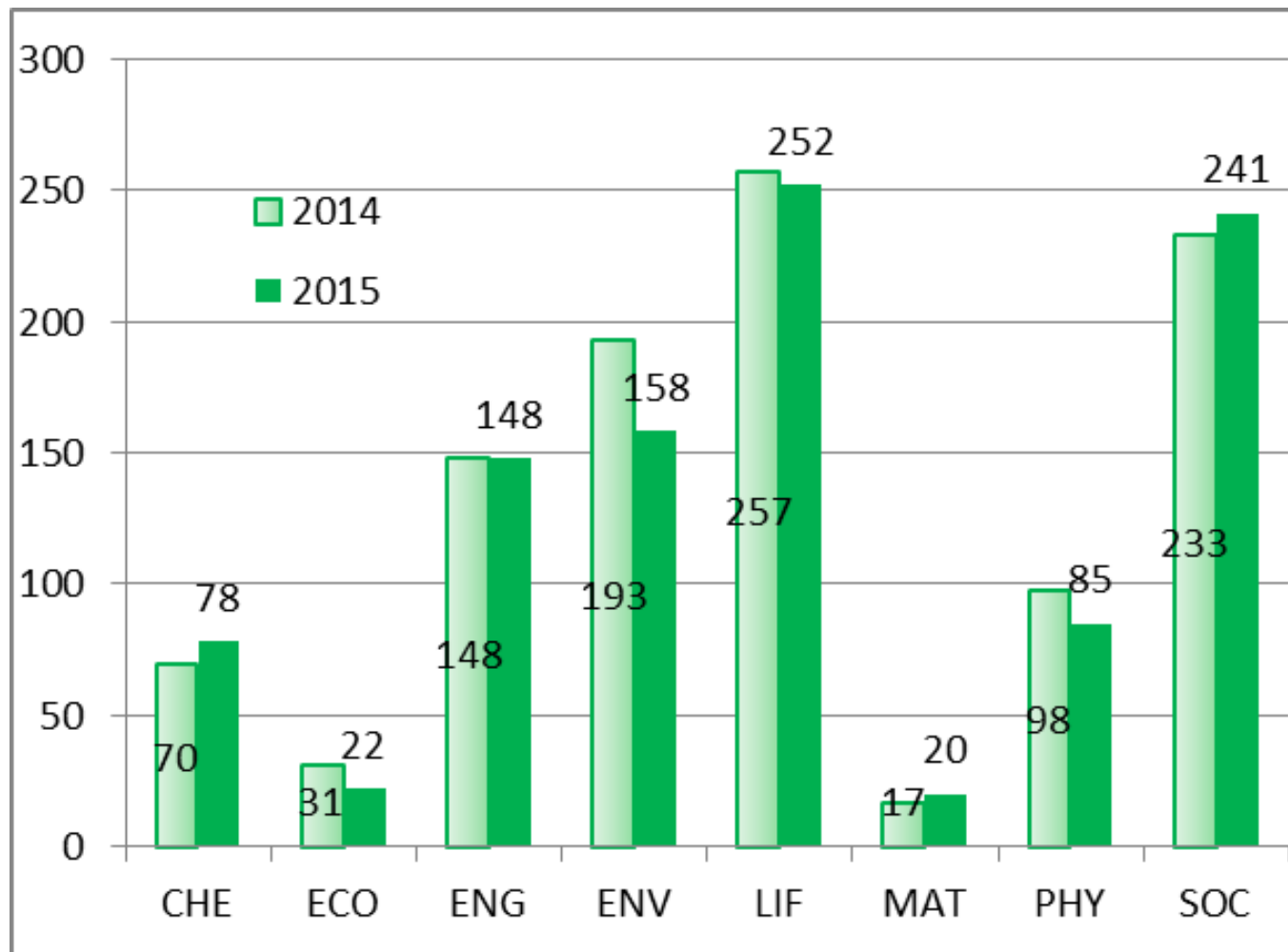
	2014	2015	
ST	5770	6698	16,08%
CAR	425* -> 189	221	16,93%
RI	466	585	25,54%
GF	1047	1004	-4,11%
Total	7472	8508	13,87%

* of which 236 were wrongly attributed to CAR and transferred to ST.
Note: 2015 eligibility check not yet done

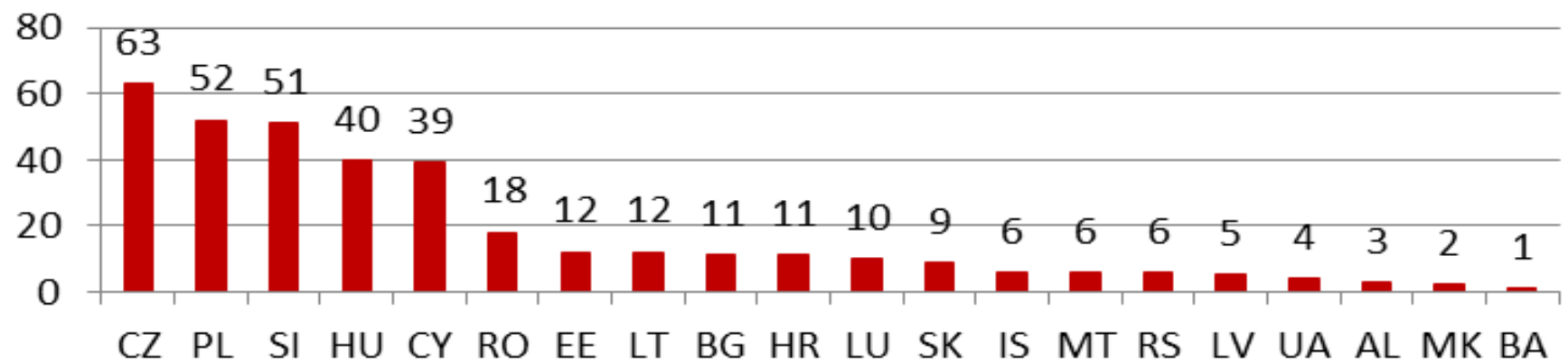
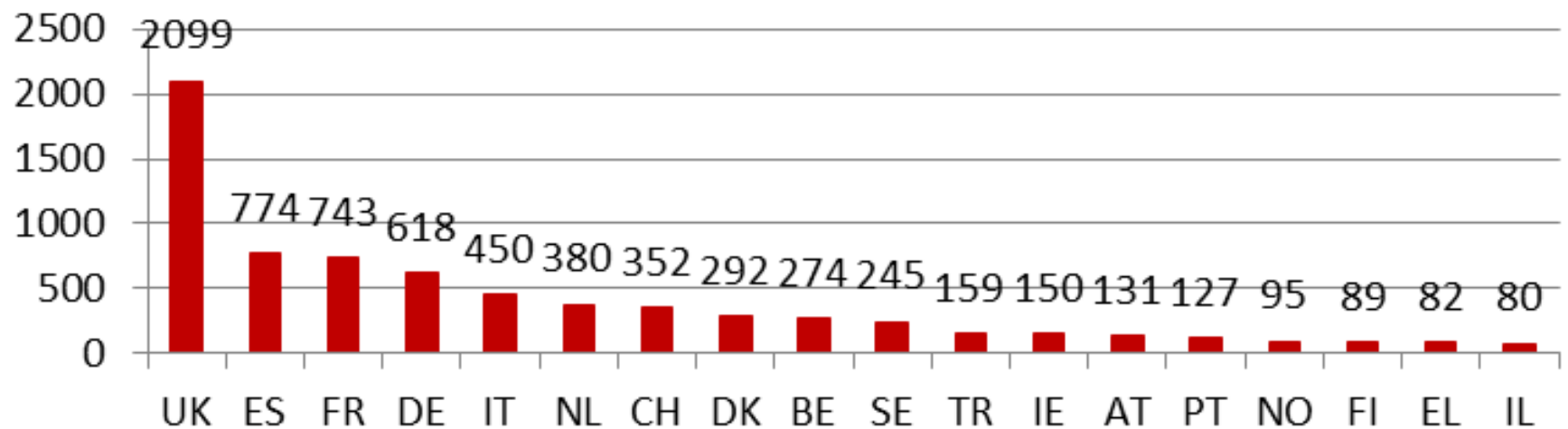
IF-EF 2015: Submitted proposals by panel



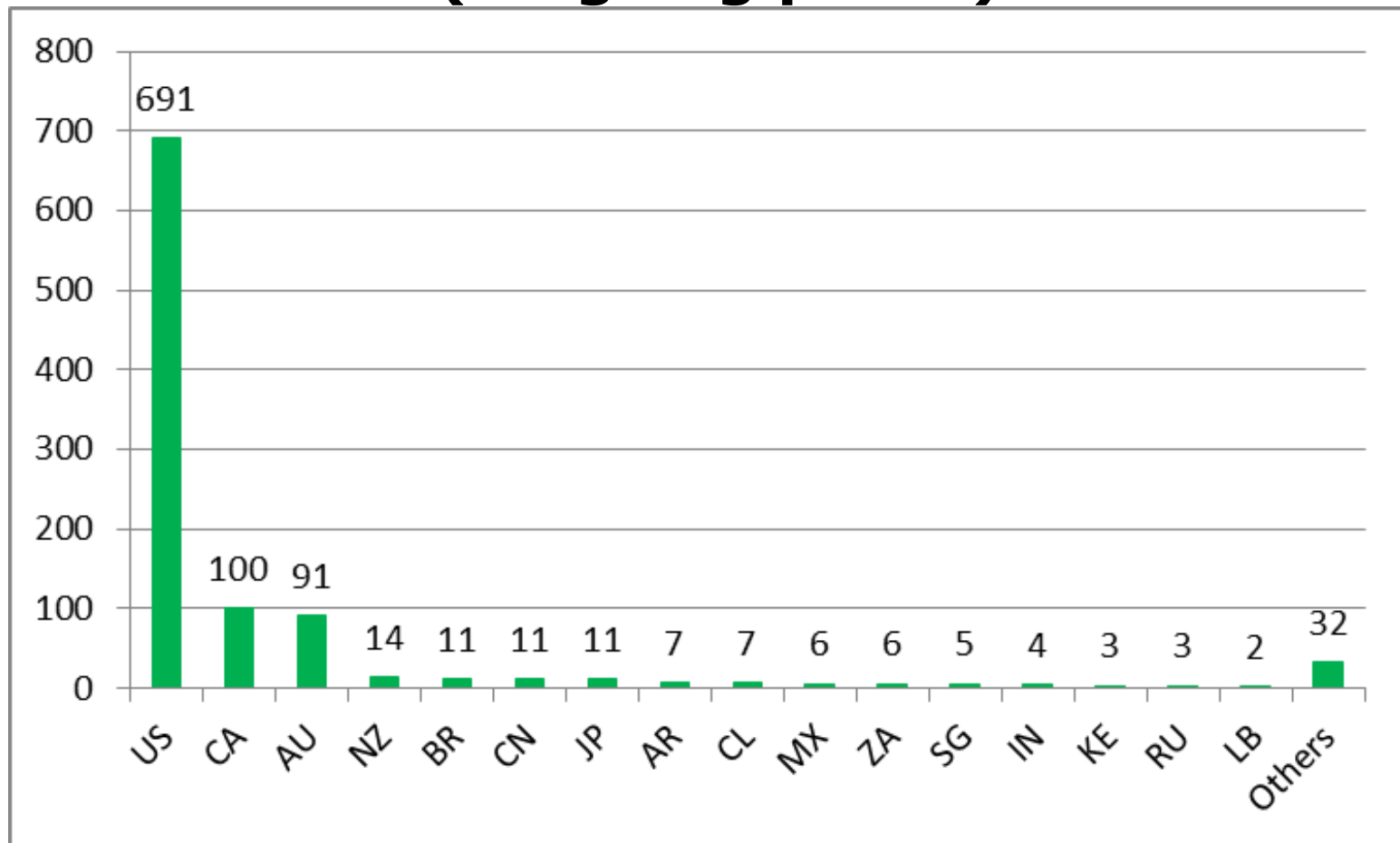
IF-GF 2015: Submitted proposals by panel



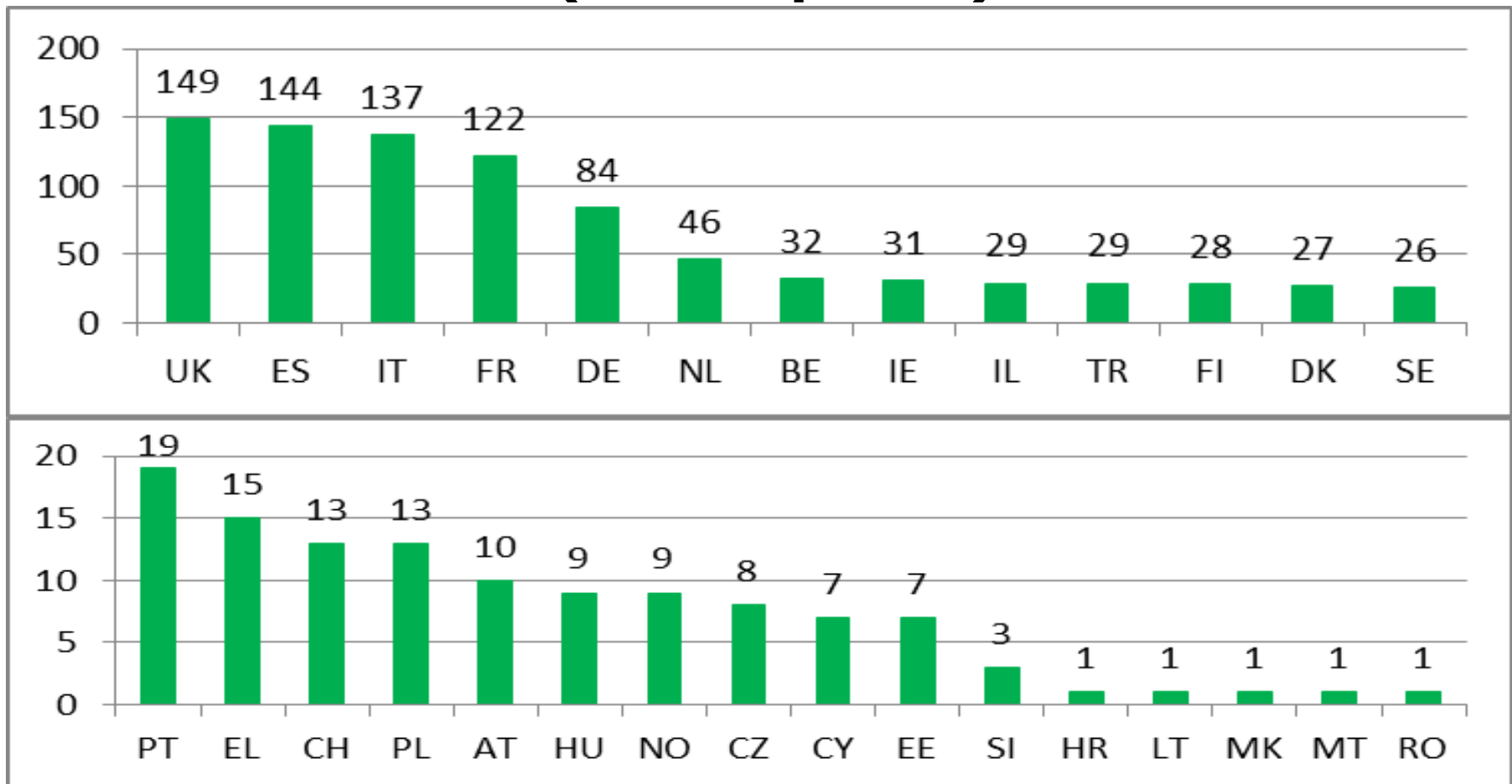
IF-EF 2015: Submitted proposals per country



IF-GF 2015: Submitted proposals per country (outgoing phase)



IF-GF 2015: Submitted proposals per country (return phase)



MSCA in H2020



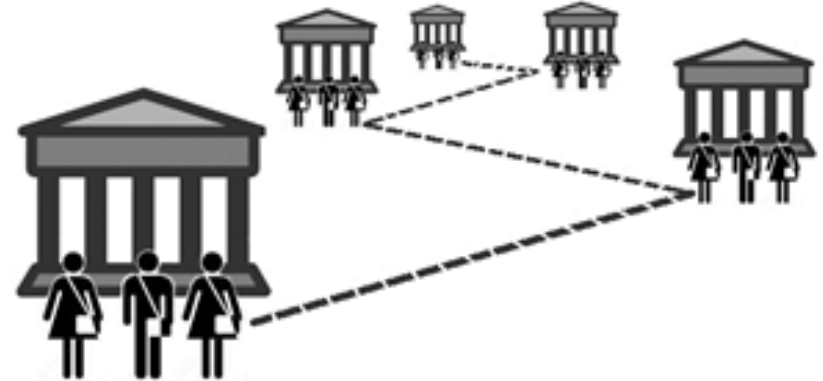
IF

Individual Fellowships



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COFUND



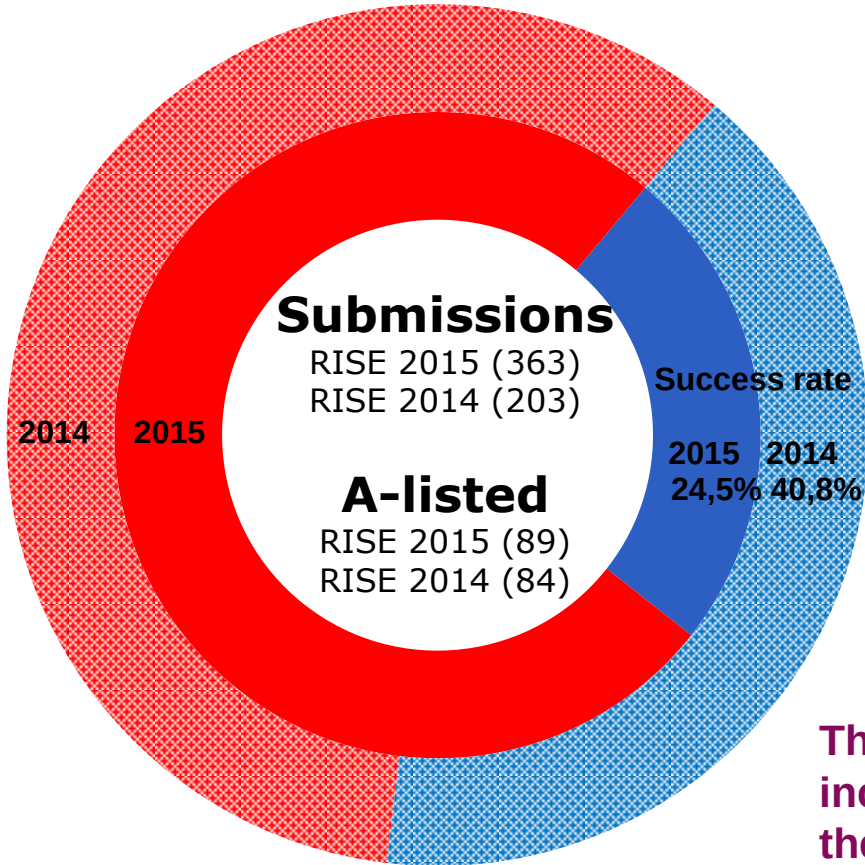
Budget → **80 M€**

Schedule

- ***Call Deadline:*** ***28 April 2015***
- ***Evaluation week:*** ***22 – 25 June 2015***
- ***Launch Grant preparation:*** ***21 Aug. 2015***



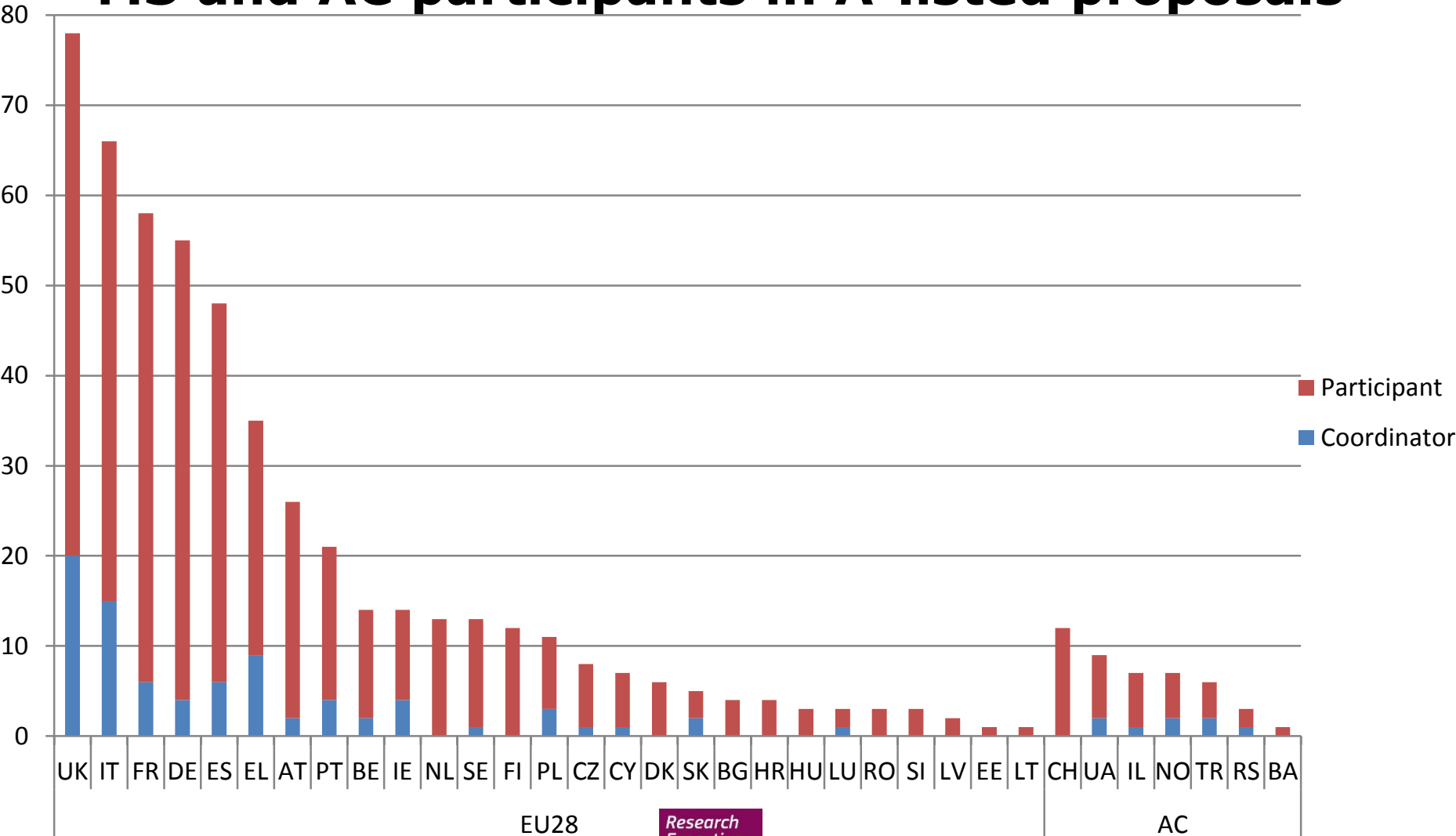
RISE 2015 compared t o RISE 2014:
Submitted & A-list proposals



The submission in 2015 increased which reduced the success rate by half

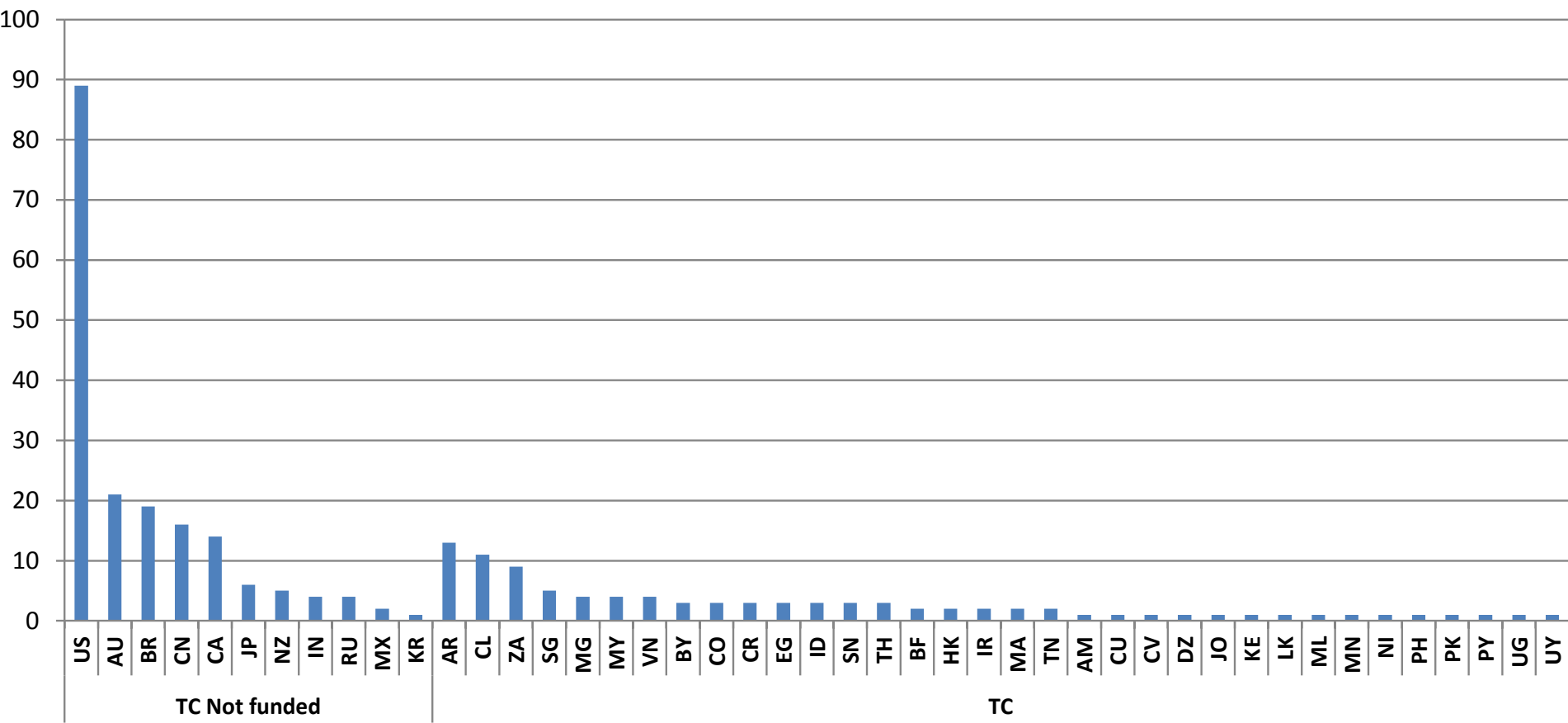


MS and AC participants in A-listed proposals



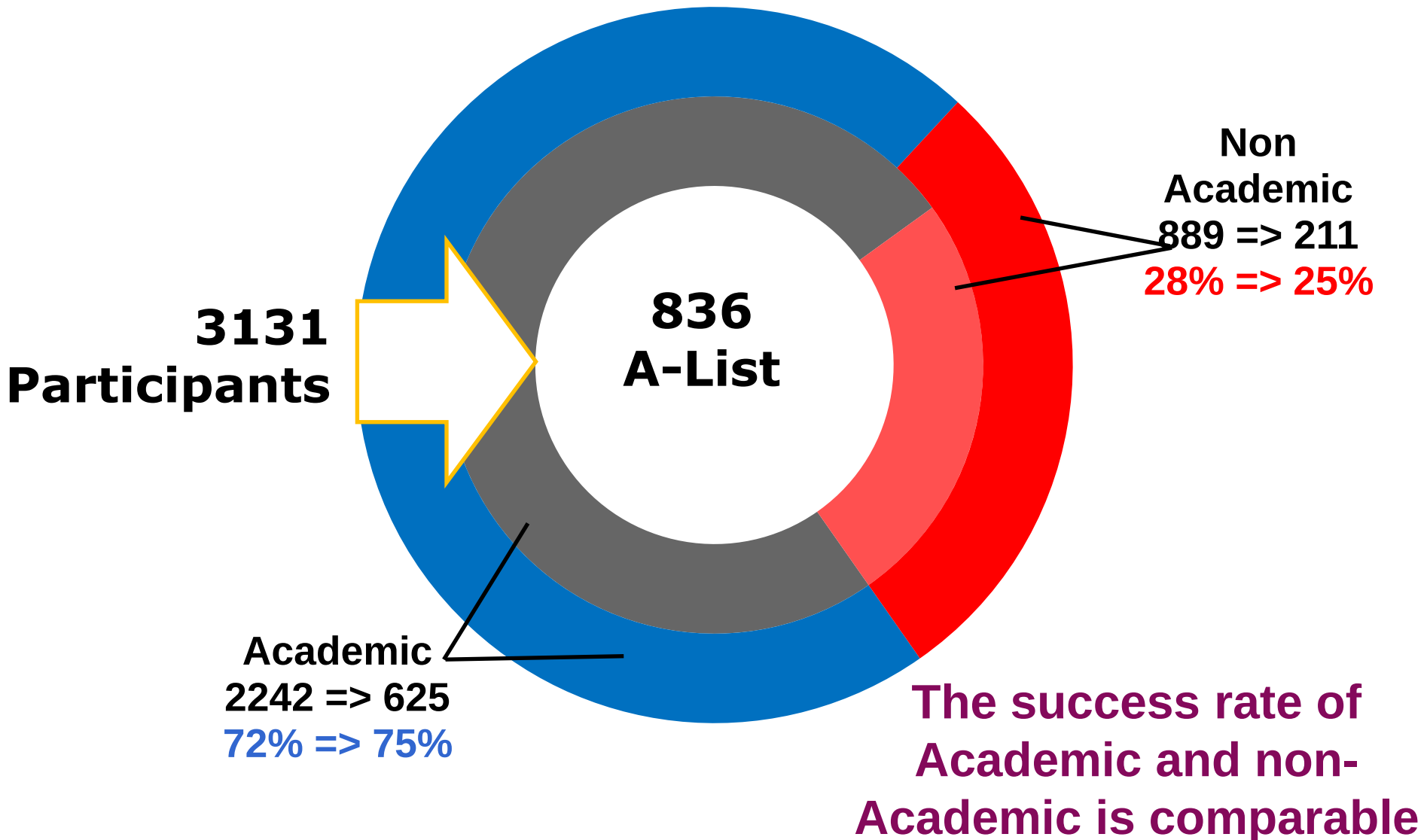


TC participants in A-listed proposals



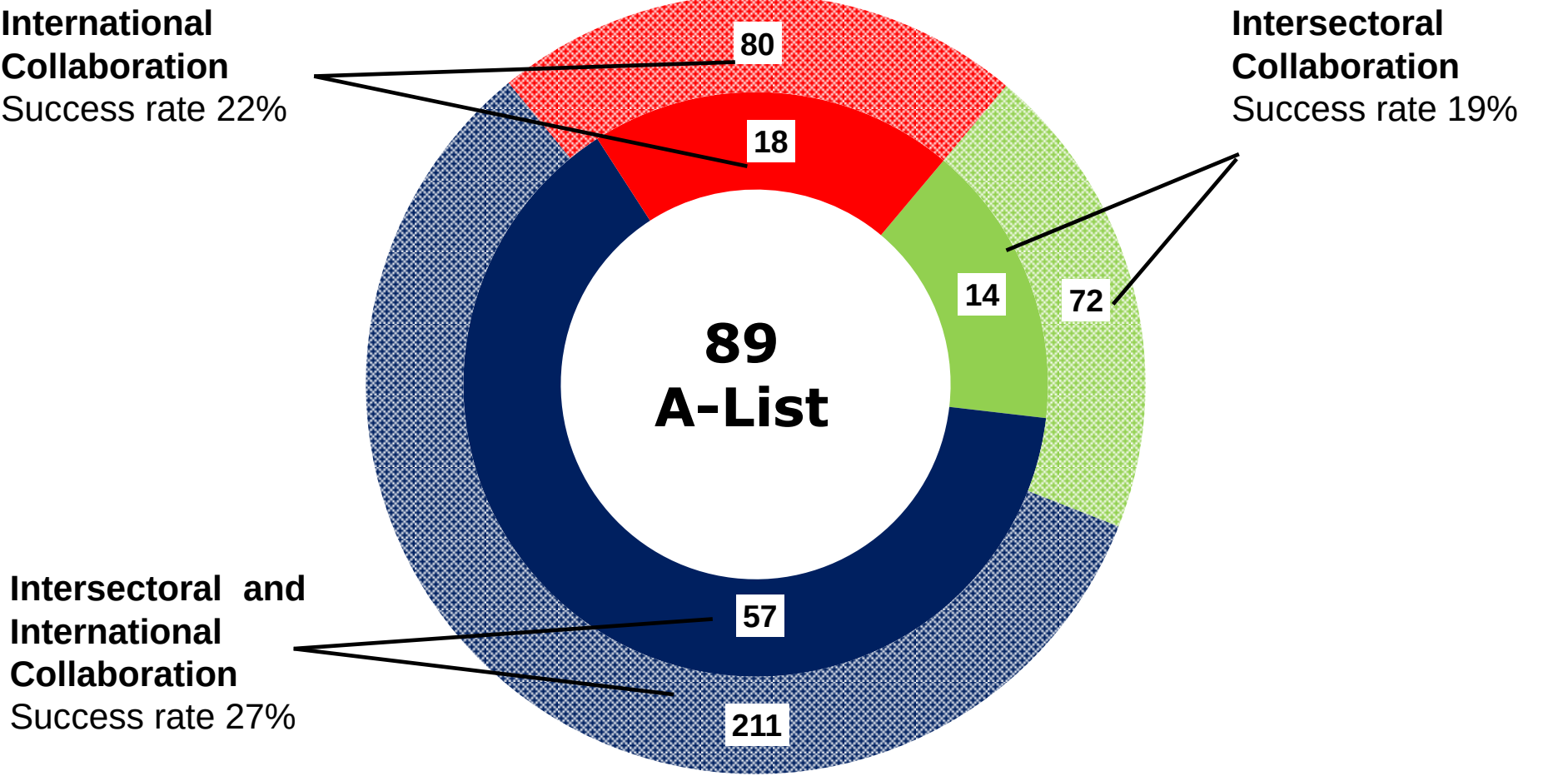


Submitted & A-list participants





Types of Collaboration: Submitted & A-list





Submitted and A-list proposals by panel compared to 2014

